

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method in a computer system for creating a composite electronic representation including presentation material information, the method comprising:
 - receiving an electronic representation of a document, the document including presentation material;
 - extracting a feature from the electronic representation of the document, the feature corresponding to at least a portion of the presentation material;
 - comparing the feature to the recorded information to determine information in the recorded information ~~that matches~~ corresponding to the feature, the recorded information including information recorded during a presentation of the presentation material, whereby at least a portion of the recorded information corresponds to a feature portion of the presentation material;
 - determining additional information to insert based on relating to the information in the recorded information that matches corresponding to the feature and extracted from the received electronic representation of a document; and
 - creating a composite electronic representation of the document comprising further including the determined additional information; and [.]
 - storing the composite electronic representation for access by a user of the computer system.
2. (Currently Amended) The method of claim 1, further comprising determining association information for the recorded information that ~~matches~~ corresponds to the extracted feature.

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

3. (Original) The method of claim 2, wherein the association information comprises time information and source information for recorded information.

4. (Currently Amended) The method of claim 2, further comprising associating the association information with the determined additional information in the composite electronic representation.

5. (Currently Amended) The method of claim 4, further comprising:
receiving a selection of the determined additional information in the composite electronic representation; and
using the association information for the determined additional information to access the recorded information.

6. (Currently Amended) The method of claim 1, further comprising accessing the recorded information using the determined additional information.

7. (Original) The method of claim 6, further comprising displaying the accessed recorded information.

8. (Original) The method of claim 7, further comprising playing the accessed information.

9. (Currently Amended) The method of claim 1, further comprising:
performing at least one of emailing, printing, storing, and copying the created composite electronic ~~document~~ representation.

10. (Currently Amended) The method of claim 1, further comprising:
determining metadata using the recorded information that ~~matches~~ corresponds to the ~~one or more features~~ feature, wherein the composite electronic representation includes the metadata.

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

11. (Original) The method of claim 1, wherein the received electronic representation of the paper document includes notes taken by a user, wherein the created composite electronic representation includes the notes taken by the user.

12. (Canceled)

13. (Currently Amended) The method of claim 1, further comprising determining a document that includes the recorded information using the extracted feature, ~~one or more features~~.

14. (Currently Amended) The method of claim 13, further comprising determining a portion of the document that includes the information corresponding to the feature ~~that matches the one or more features~~.

15. (Currently Amended) The method of claim 1, wherein the feature comprises an identifier to a location in the recorded information, wherein the information in the recorded information ~~that matches~~ corresponding to the feature is determined using the identifier.

16. (Original) The method of claim 15, wherein the identifier comprises at least one of a barcode and signature information.

17. (Currently Amended) The method of claim 1, wherein receiving the electronic representation ~~comprising~~ comprises receiving a scan of the document, the document being a paper document.

18. (Currently Amended) The method of claim 1, wherein receiving the electronic representation comprises determining an electronic image of the document, the document being a paper document.

19. (Original) The method of claim 1, wherein receiving the electronic representation comprises receiving the electronic representation in response to an input from a user indicating that the composite electronic representation should be created.

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

20. (Original) The method of claim 1, wherein the document comprises a paper document.

21. (Currently Amended) A method in a computer system for creating a composite electronic representation of a document using information recorded during a presentation, the method comprising:

receiving an electronic representation of a document for the presentation, the electronic representation including a feature that was presented during the presentation;

extracting the feature from the electronic representation;

comparing the feature to the information recorded during the presentation to determine information in the recorded information that ~~matches~~ corresponds to the feature; one or more features; and

determining composite information ~~to insert~~ based on the information in the recorded information that ~~matches~~ corresponds to the feature and the received electronic representation of [[a]] the document; and

creating [[a]] the composite electronic representation comprising the determined composite information; and [[.]]

storing the composite electronic representation for access by a user of the computer system.

22. (Currently Amended) The method of claim 21, further comprising determining association information for the recorded information that ~~matches~~ corresponds to the feature. one or more features.

23. (Currently Amended) The method of claim 22, wherein the association information comprises time information for the recorded information, the time information indicating a time when information related to the ~~one or more features~~ feature was presented during the presentation.

24. (Currently Amended) The method of claim 23, further comprising:

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

~~receiving a selection of the inserted information; and~~
using the association information for the determined information in the composite electronic representation to access recorded information for the presentation at a time indicated by the time information.

25. (Currently Amended) The method of claim 21, further comprising accessing recorded information using the determined composite information.

26. (Original) The method of claim 25, further comprising displaying the accessed recorded information.

27. (Original) The method of claim 26, further comprising playing the accessed information.

28. (Currently Amended) The method of claim 21, further comprising: determining metadata using the recorded information that ~~matches~~ corresponds to the feature, wherein the composite electronic representation includes the metadata.

29. (Currently Amended) The method of claim 21, further comprising performing at least one of emailing, printing, storing, and copying the created ~~image~~ composite electronic representation.

30. (Original) The method of claim 21, wherein the document comprises a paper document.

31. (Currently Amended) The method of claim 21, wherein the feature comprises an identifier to a location in the recorded information, wherein the information in the recorded information that ~~matches~~ corresponds to the feature is determined using the identifier.

32. (Original) The method of claim 31, wherein the identifier comprises at least one of a barcode and signature information.

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

33. (Original) The method of claim 21, wherein receiving the electronic representation comprises receiving the electronic representation in response to an input from a user indicating that the composite electronic representation should be created.

34. (Currently Amended) A computer program product stored on a computer-readable medium for creating a composite electronic representation, the computer program product comprising:

code for receiving an electronic representation of a document, the document including presentation material;

code for extracting a feature from the electronic representation of the document, the feature corresponding to at least a portion of the presentation material;

code for comparing the feature to ~~the~~ recorded information to determine information in the recorded information ~~that matches~~ corresponding to the feature, the recorded information including information recorded during a presentation of the presentation material, whereby at least a portion of the recorded information corresponds to a feature portion of the presentation material;

code for determining additional information ~~to insert based on~~ relating to the information in the recorded information ~~that matches~~ corresponding to the feature and extracted from the received electronic representation of a document; and

code for creating a composite electronic representation of the document ~~comprising further including~~ the determined additional information.

35. (Currently Amended) The computer program product of claim 34, further comprising code for determining association information for the recorded information that ~~matches~~ corresponds to the extracted feature.

36. (Currently Amended) The computer program product of claim 35, further comprising code for associating the association information with the determined additional information in the composite electronic representation.

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

37. (Currently Amended) The computer program product of claim 36, further comprising:

code for receiving a selection of the determined additional information in the composite electronic representation; and

code for using the association information for the determined additional information to access the recorded information.

38. (Currently Amended) The computer program product of claim 34, further comprising code for accessing the recorded information using the determined additional information.

39. (Currently Amended) The computer program product of claim 34, further comprising:

code for performing at least one of emailing, printing, storing, displaying, playing, and copying the created composite electronic document representation.

40. (Currently Amended) The computer program product of claim 34, further comprising:

code for determining metadata using the recorded information that matches the ~~one or more features~~ extracted feature, wherein the composite electronic representation includes the metadata.

41. (Currently Amended) The computer program product of claim 34, wherein the received electronic representation of the ~~paper~~ document includes notes taken by a user, wherein the created composite electronic representation includes the notes taken by the user.

42. (Currently Amended) The computer program product of claim 34, wherein the feature comprises an identifier to a location in the recorded information, wherein the information in the recorded information that ~~matches~~ corresponds to the feature is determined using the identifier.

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

43. (Original) The computer program product of claim 34, wherein the document comprises a paper document.

44. (Currently Amended) A computer program product stored on a computer-readable medium for creating a composite electronic representation of a document using information recorded during a presentation, the computer program product comprising:

code for receiving an electronic representation of a document for the presentation the electronic representation including a feature that was presented during the presentation;

code for extracting the feature from the electronic representation;

code for comparing the feature to the information recorded during the presentation to determine information in the recorded information that ~~matches~~ corresponds to the feature; ~~one or more features~~; and

code for determining composite information ~~to insert~~ based on the information in the recorded information that ~~matches~~ corresponds to the feature and the received electronic representation of ~~[[a]]~~ the document; and

code for creating ~~[[a]]~~ the composite electronic representation comprising the determined composite information.

45. (Currently Amended) The computer program product of claim 44, further comprising code for determining association information for the recorded information that ~~matches~~ corresponds to the feature. ~~one or more features~~.

46. (Currently Amended) The computer program product of claim 45, wherein the association information comprises time information for recorded information, the time information indicating a time when information related to the ~~one or more features~~ feature was presented during the presentation.

47. (Currently Amended) The computer program product of claim 46, further comprising:

~~code for receiving a selection of the inserted information; and~~

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

code for using the association information for the determined composite information in the composite electronic representation to access recorded information for the presentation at a time indicated by the time information.

48. (Currently Amended) The computer program product of claim 44, further comprising:

code for determining metadata using the recorded information that ~~matches~~ corresponds to the feature, wherein the composite electronic representation includes the metadata.

49. (Currently Amended) The computer program product of claim 44, further comprising code for performing at least one of emailing, printing, storing, displaying, playing, and copying the created image representation.

50. (Original) The computer program product of claim 44, wherein the document comprises a paper document.

51. (Currently Amended) A data processing system for creating a composite electronic representation, the data processing system comprising:

a processor;

a memory coupled to the processor, the memory configured to store a plurality of modules for execution by the processor, the plurality of modules comprising:

logic to receive an electronic representation of a document, the document including presentation material;

logic to extract a feature from the electronic representation of the document, the feature corresponding to at least a portion of the presentation material;

logic to compare the feature to the recorded information to determine information in the recorded information ~~that matches~~ corresponding to the feature, the recorded information including information recorded during a presentation of the presentation material,

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

whereby at least a portion of the recorded information corresponds to a feature portion of the presentation material;

logic to determine additional information ~~to insert based on~~ relating to the information in the recorded information ~~that matches~~ corresponding to the feature and extracted from the received electronic representation; and of a document; and

logic to create a composite electronic representation of the document ~~comprising further including~~ the determined additional information.

52. (Currently Amended) The data processing system of claim 51, further comprising logic to determine association information for the recorded information that ~~matches~~ corresponds to the extracted feature.

53. (Currently Amended) The data processing system of claim 52, further comprising logic to associate the association information with the determined additional information in the composite electronic representation.

54. (Currently Amended) The data processing system of claim 53, further comprising:

logic to receive a selection of the determined additional information in the composite electronic representation; and

logic to use the association information for the determined information to access the recorded information.

55. (Currently Amended) The data processing system of claim 51, further comprising logic to access recorded information using the determined additional information.

56. (Currently Amended) The data processing system of claim 51, further comprising:

logic to perform at least one of emailing, printing, storing, displaying, playing, and copying the created composite electronic ~~document~~ representation.

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

57. (Currently Amended) The data processing system of claim 51, further comprising:

logic to determine metadata using the recorded information that matches the extracted feature, ~~one or more features~~, wherein the composite electronic representation includes the metadata.

58. (Currently Amended) The data processing system of claim 51, wherein the received electronic representation ~~of the paper document~~ includes notes taken by a user, wherein the created composite electronic representation includes the notes taken by the user.

59. (Currently Amended) The data processing system of claim 51, wherein the feature comprises an identifier to a location in the recorded information, wherein the information in the recorded information that ~~matches~~ corresponds to the feature is determined using the identifier.

60. (Original) The data processing system of claim 51, wherein the document comprises a paper document.

61. (Currently Amended) A data processing system creating a composite electronic representation of a document using information recorded during a presentation, the data processing system comprising:

a processor;

a memory coupled to the processor, the memory configured to store a plurality of modules for execution by the processor, the plurality of modules comprising:

logic to receive an electronic representation of a document for the presentation, the electronic representation including a feature that was presented during the presentation;

logic to extract the feature from the electronic representation;

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

logic to compare the feature to the information recorded during the presentation to determine information in the recorded information that ~~matches~~ corresponds to the feature; one or more features; and

logic to determine composite information ~~to insert~~ based on the information in the recorded information that ~~matches~~ corresponds to the feature and the received electronic representation of [[a]] the document; and

logic to create [[a]] the composite electronic representation comprising the determined composite information.

62. (Currently Amended) The data processing system of claim 61, further comprising logic to determine association information for the recorded information that corresponds to the feature. matches the one or more features.

63. (Currently Amended) The data processing system of claim 62, wherein the association information comprises time information for recorded information, the time information indicating a time when information related to the ~~one or more features~~ feature was presented during the presentation.

64. (Currently Amended) The data processing system of claim 63, further comprising:

~~logic to receive a selection of the inserted information; and~~

logic to use the association information for the determined composite information in the composite electronic representation to access the recorded information for the presentation at a time indicated by the time information.

65. (Currently Amended) The data processing system of claim 61, further comprising:

logic to determine metadata using the recorded information that ~~matches~~ corresponds to the feature, wherein the composite electronic representation includes the metadata.

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

66. (Currently Amended) The data processing system of claim 61, further comprising logic to perform at least one of emailing, printing, storing, displaying, playing, and copying the created image representation.

67. (Original) The data processing system of claim 61, wherein the document comprises a paper document.

68. (Currently Amended) A ~~method~~ system for creating a composite electronic representation, the method comprising:

means for receiving an electronic representation of a document, the document including presentation material;

means for extracting a feature from the electronic representation of the document, the feature corresponding to at least a portion of the presentation material;

means for comparing the feature to ~~the~~ recorded information to determine information in the recorded information that matches corresponding to the feature, the recorded information including information recorded during a presentation of the presentation material, whereby at least a portion of the recorded information corresponds to a feature portion of the presentation material;

means for determining additional information ~~to insert based on relating to the~~ information in the recorded information that matches corresponding to the feature and extracted from the received electronic representation; and of a document; and

means for creating a composite electronic representation of the document ~~comprising~~ further including the determined additional information

69. (Currently Amended) A ~~method~~ system for creating a composite electronic representation of a document using information recorded during a presentation, the method comprising:

means for receiving an electronic representation of a document for the presentation, the electronic representation including a feature that was presented during the presentation;

Appl. No. 10/813,901
Amdt. dated August 30, 2006
Reply to Office Action of May 31, 2006

PATENT

means for extracting the feature from the electronic representation;
means for comparing the feature to the information recorded during the
presentation to determine information in the recorded information that ~~matches~~ corresponds to
the feature; ~~one or more features; and~~
means for determining composite information ~~to insert~~ based on the information
in the recorded information that ~~matches~~ corresponds to the feature and the received electronic
representation of ~~[[a]]~~ the document; and
means for creating ~~[[a]]~~ the composite electronic representation comprising the
determined composite information.